

ABSTRACT

The present invention relates to a method for controlling the transmission data rate of a multimedia data stream in a session-based streaming environment comprising a media server and a destination terminal, wherein a session control protocol is employed to control the multimedia data stream. Further, the present invention relates to the media server performing the method and the destination terminal adapted for communication with the media server. Finally, a media streaming system comprising at least one media server and at least one destination terminal is provided. To provide a rate control in a media streaming environment in a transparent way to the destination terminals receiving a multimedia data stream from a media server, the present invention provides an implementation of a server-based variant of the TFRC rate control algorithm by shifting all processing to the server.